

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims.

Listing of Claims:

1-23. (canceled)

24. (previously presented) An isolated polynucleotide comprising a nucleotide sequence encoding amino acids 1 to 967 of SEQ ID NO:126.

25. (previously presented) The isolated polynucleotide of claim 24, wherein said polynucleotide comprises nucleotides 466 to 3366 of SEQ ID NO:125.

26. (previously presented) The isolated polynucleotide of claim 24, wherein said nucleotide sequence comprises the nucleotide sequence of SEQ ID NO:125.

27. (previously presented) The isolated polynucleotide of claims 24, which is RNA

28. (previously presented) The isolated polynucleotide of claim 25, which is RNA.

29. (previously presented) The isolated polynucleotide of claim 26, which is RNA.

30. (previously presented) The isolated polynucleotide of claims 24, which is DNA

31. (previously presented) The isolated polynucleotide of claim 25, which is DNA.

32. (previously presented) The isolated polynucleotide of claim 26, which is DNA.

33. (previously presented) A vector comprising the isolated polynucleotide of claims 24.

34. (previously presented) The vector of claim 33, wherein said polynucleotide is operably associated with a regulatory sequence that regulates gene expression.


35. (previously presented) A host cell which comprises the isolated polynucleotide of claim 24.

36. (previously presented) A process for producing a host cell comprising transforming or transfecting a cell with the vector of claim 33.

37. (previously presented) A process for producing a polypeptide comprising culturing the host cell of claim 36 under conditions sufficient for the production of said polypeptide and recovering said polypeptide from the culture.

38-45. (canceled)

46. (previously presented) An isolated polynucleotide comprising a nucleotide sequence which is fully complementary to a polynucleotide sequence encoding amino acids 1 to 967 of SEQ ID NO:126.

 47. (previously presented) The isolated polynucleotide of claim 46, comprising a nucleotide sequence which is fully complementary to nucleotides of 466 to 3366 of SEQ ID NO:125.

48. (currently amended) An isolated polynucleotide comprising a nucleotide sequence at least 95% identical to the nucleotide sequence of SEQ ID NO:125, wherein said polynucleotide encodes a polypeptide which inhibits angiogenesis.

49. (previously presented) The isolated polynucleotide of claim 48, comprising a nucleotide sequence at least 95% identical to nucleotides 466 to 3366 of SEQ ID NO:125.

50. (previously presented) The isolated polynucleotide of claim 49, which is RNA.

51. (previously presented) The isolated polynucleotide of claim 49, which is DNA.

52. (previously presented) A vector comprising the isolated polynucleotide of claim 49.

53. (previously presented) The vector of claim 52, wherein said polynucleotide is operably associated with a regulatory sequence that regulates gene expression.

54. (previously presented) A host cell which comprises the isolated polynucleotide of claim 49.

55. (previously presented) A process for producing a host cell comprising transforming or transfecting a cell with the vector of claim 52.

56. (previously presented) A process for producing a polypeptide comprising culturing the host cell of claim 54 under conditions sufficient for the production of said polypeptide and recovering said polypeptide from the culture.

57. (previously presented) An isolated polynucleotide comprising a nucleotide sequence encoding amino acids 1 to 950 of SEQ ID NO:2.

58. (previously presented) The isolated polynucleotide of claim 57, comprising nucleotides 1 to 2853 of SEQ ID NO:1.

59. (previously presented) The isolated polynucleotide of claim 58, comprising the entire nucleotide sequence of SEQ ID NO:1.

60. (previously presented) The isolated polynucleotide of claim 57, which is RNA.

61. (previously presented) The isolated polynucleotide of claim 57, which is DNA.

62. (previously presented) A vector comprising the isolated polynucleotide of claim 57.

63. (previously presented) The vector of claim 62, wherein said polynucleotide is operably associated with a regulatory sequence that regulates gene expression.

64. (previously presented) A host cell which comprises the isolated polynucleotide of claim 57.


65. (previously presented) A process for producing a host cell comprising transforming or transfecting a cell with the vector of claim 62.

66. (previously presented) A process for producing a polypeptide comprising culturing the host cell of claim 64 under conditions sufficient for the production of said polypeptide and recovering said polypeptide from the culture.

67. (previously presented) An isolated polynucleotide comprising a nucleotide sequence which is fully complementary to a polynucleotide sequence encoding amino acids 1 to 950 of SEQ ID NO:2.

68. (previously presented) The isolated polynucleotide of claim 67, comprising a nucleotide sequence which is fully complementary to nucleotides 1 to 2853 of SEQ ID NO:1.

69-76. (canceled).

 77. (currently amended) An isolated polynucleotide comprising a nucleotide sequence at least 95% identical to the nucleotide sequence of SEQ ID NO:1, wherein said polynucleotide encodes a polypeptide ~~having thrombospondin activity~~ which inhibits angiogenesis.

78. (previously presented) The isolated polynucleotide of claim 77, comprising a nucleotide sequence at least 95% identical to nucleotides 1 to 2853 of SEQ ID NO:1.

79. (previously presented) The isolated polynucleotide of claim 78, which is RNA.

80. (previously presented) The isolated polynucleotide of claim 78, which is DNA.

81. (previously presented) A vector comprising the isolated polynucleotide of claim 78.

82. (previously presented) The vector of claim 81, wherein said polynucleotide is operably associated with a regulatory sequence that regulates gene expression.

83. (previously presented) A host cell which comprises the isolated polynucleotide of claim 78.

84. (previously presented) A process for producing a host cell comprising transforming or transfecting a cell with the vector of claim 81.

85. (previously presented) A process for producing a polypeptide comprising culturing the host cell of claims 83 under conditions sufficient for the production of said polypeptide and recovering said polypeptide from the culture.
